

Managing Vertebrate Pests Wildlife Damage Management (WDM)

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Who is Wildlife Services (WS)?

Most people know us as the “Government trapper” who does livestock protection.

We do that, and much more.

We do resource protection in cities, airports, and foreign countries

WS provides technical assistance and WDM information to private and business concerns

There's more

WS also provides resource protection for many state and county agencies, private citizens, and small business owners.

WS provides resource protection, technical assistance, and WDM expertise to many U.S. government agencies.

WS Role In Utah WDM

- Provides year round predator control for livestock producers.
- Implements starling control at dairies & feedlots.
- Contracts with Utah Wildlife Resources for protection of mule deer, sage grouse, waterfowl, pheasants, and threatened & endangered species.

WS Role In Salt Lake County

- Provide quality customer service to help resolve human/wildlife conflicts.
- Work toward resolutions of human health & safety concerns involving wildlife.
- Work with city animal control agencies when wildlife issues arise.
- Cooperate with UDWR to solve urban wildlife concerns.

There's More

Salt Lake International Airport contracts WS to work with WD concerns.

WS collects tissue samples from captured urban wildlife for disease monitoring

Salt Lake County has the only urban program in the state.

For other counties to have urban programs funding sources would need to be secured.

WS provides information and advice,(we call this Technical Assistance (TA)) to any entity that seeks our assistance.
WS tries to help people "help themselves"

Many times people are not aware of the resources available to help them solve WD issues. They often just don't know where to look.

We don't try to compete with private pest control Agencies, they are a potential resource to help with WDM issues

Public education



U.S. Department of Agriculture POCATELLO SUPPLY DEPOT



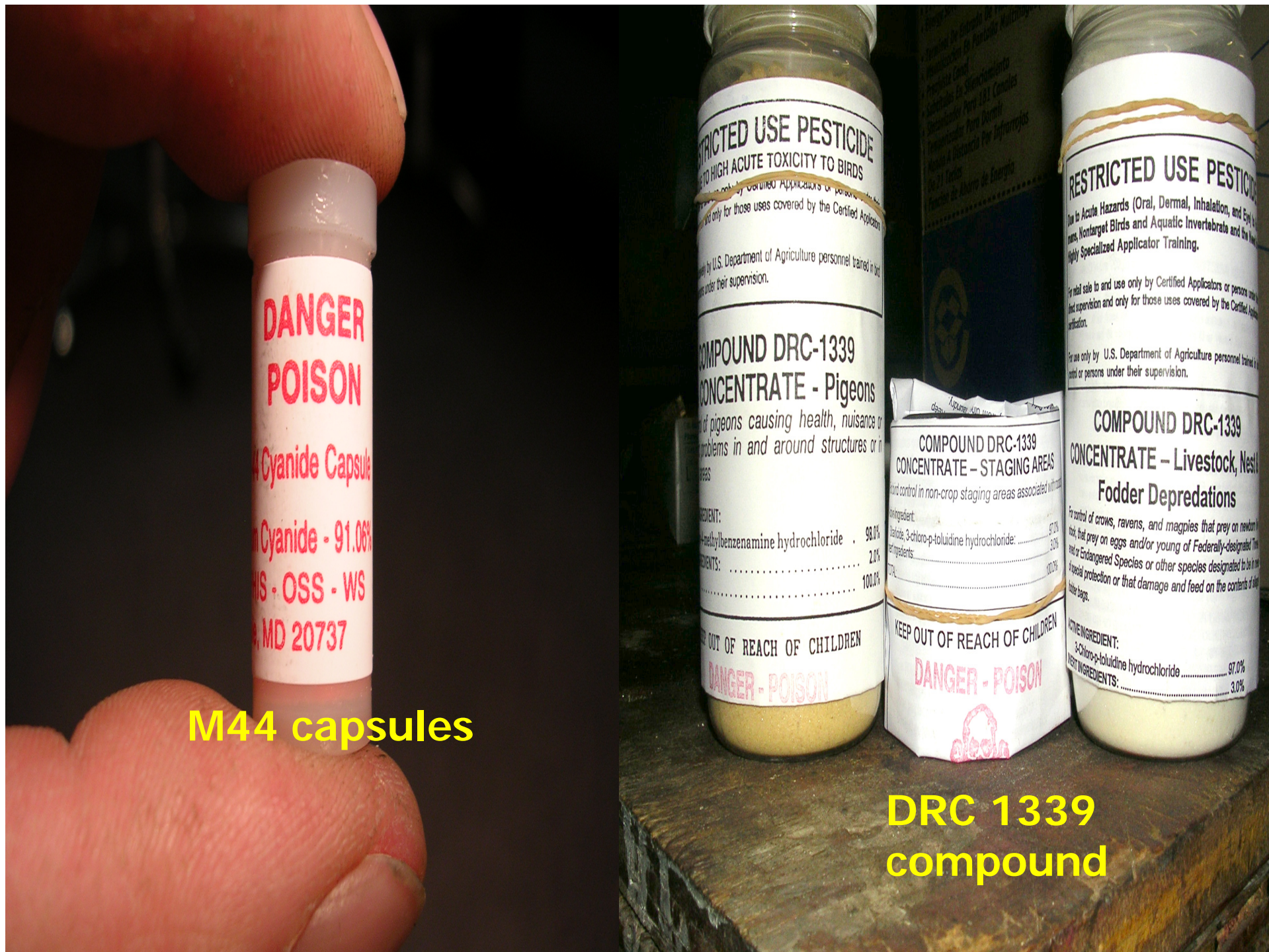
**238 East Dillon Street
Pocatello, ID 83201-6623**

**PHONE: 208-236-6920 FAX: 208-236-6922
EMAIL: psd@infinibiz.net**

Wildlife Services Price List

April 26, 2004

**Makes available to WS controlled substances not available
through commercial companies**

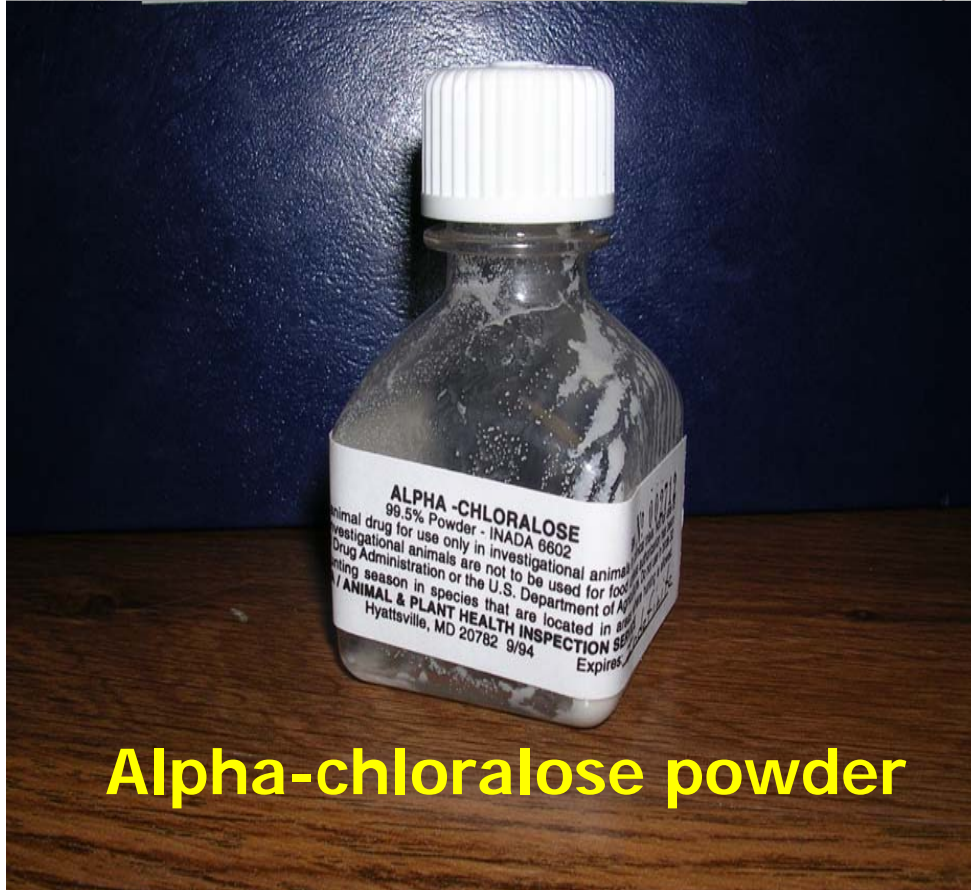


M44 capsules

DRC 1339
compound



Livestock protection collar



Alpha-chloralose powder



Alpha-chloralose tablets

PSD also supplies restricted use
pesticides
to licensed applicators through WS

Pocket Gopher Strychnine Baits

Zinc Phosphide Grain Baits

Zinc Phosphide Concentrate

Large (Denning) Cartridges & Fuses

PSD also supplies non-restricted use supplies for WDM

- Neutroleum Alpha
- Trap Pan-Tension Devices
- Trap Springs
- Trap Drags
- Neck snare locks & Parts
- Many other non-restricted use products to help manage WD.

USDA APHIS

Wildlife Services



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[Information & Publications](#)

[National Rabies Program](#)

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National Wildlife Research Center

4101 LaPorte Avenue
Fort Collins, CO 80521
(970) 266-6000
(970) 266-6032 fax
nwrc@aphis.usda.gov

The U.S. Department of Agriculture's National Wildlife Research Center is the federal institution devoted to resolving problems caused by the interaction of wild animals and society. The Center applies scientific expertise to the development of practical methods to resolve these problems and to maintain the quality of the environments shared with wildlife

Animal damage is caused by many species both avian and mammalian

Woodpeckers, Magpies, Starlings, Sparrows, Pigeons, Waterfowl, and Swallows are a few avian species that cause damage in Utah

Raccoons, Skunks, Coyotes, Beaver, Bats, Red fox, Ground/Tree squirrels, Bears, Mtn. Lions, Gophers, Prairie Dogs, Mice, Rats, Voles, Moles, and Muskrats are a few mammals that cause damage in Utah.

Each specie brings new challenges and opportunities
WS strives to use cutting edge technologies. NWRS
works to that end

Birds







**WS works to resolve human
health & safety
issues as well as property
damage concerns**





Mammals







Some mammals can cause human safety concerns







**WS provides WD identification for
private, state & federal agencies**







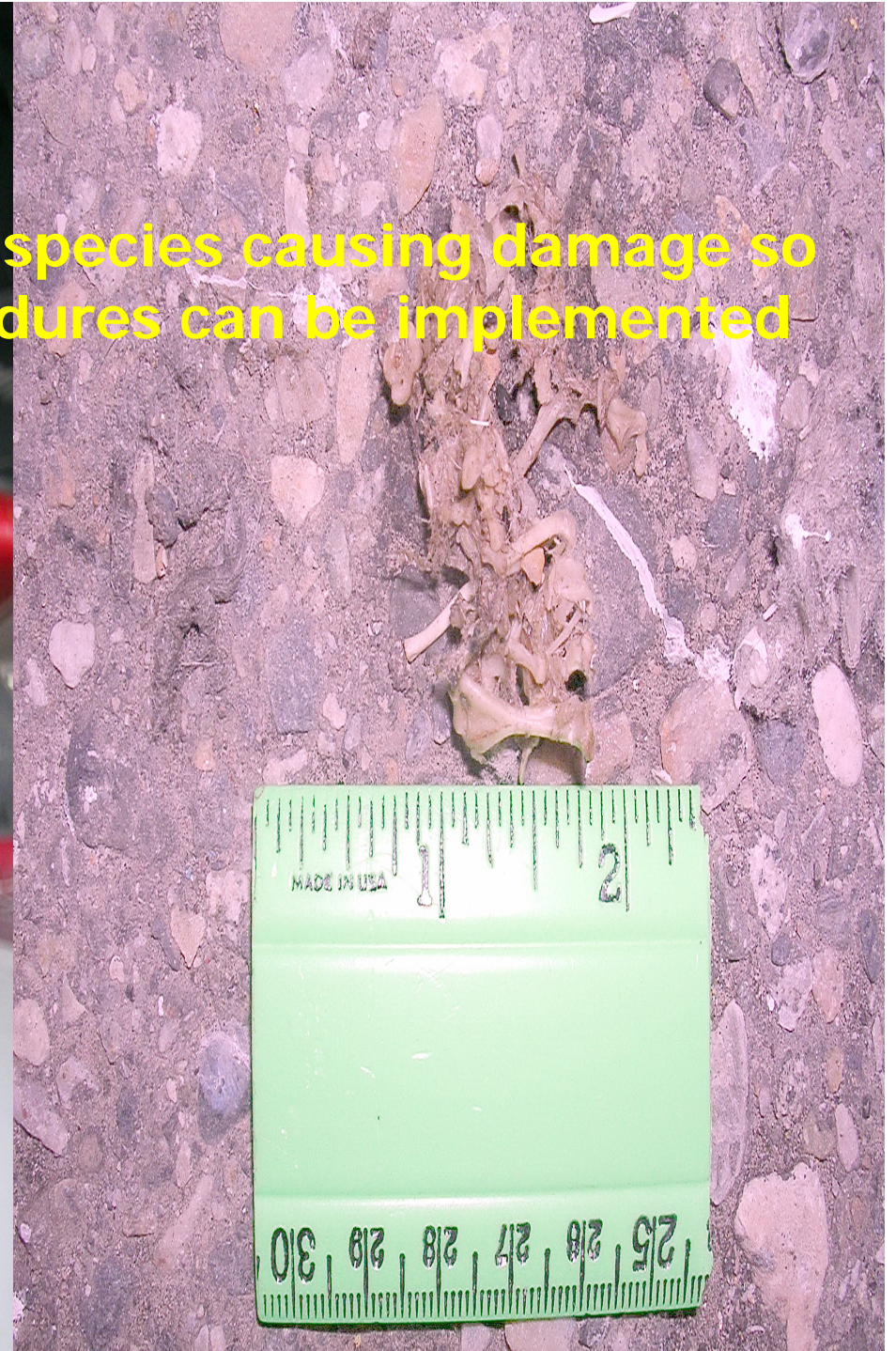
Some types of damage is easier to identify than others







Its important to identify the species causing damage so correct management procedures can be implemented



Why is damage happening

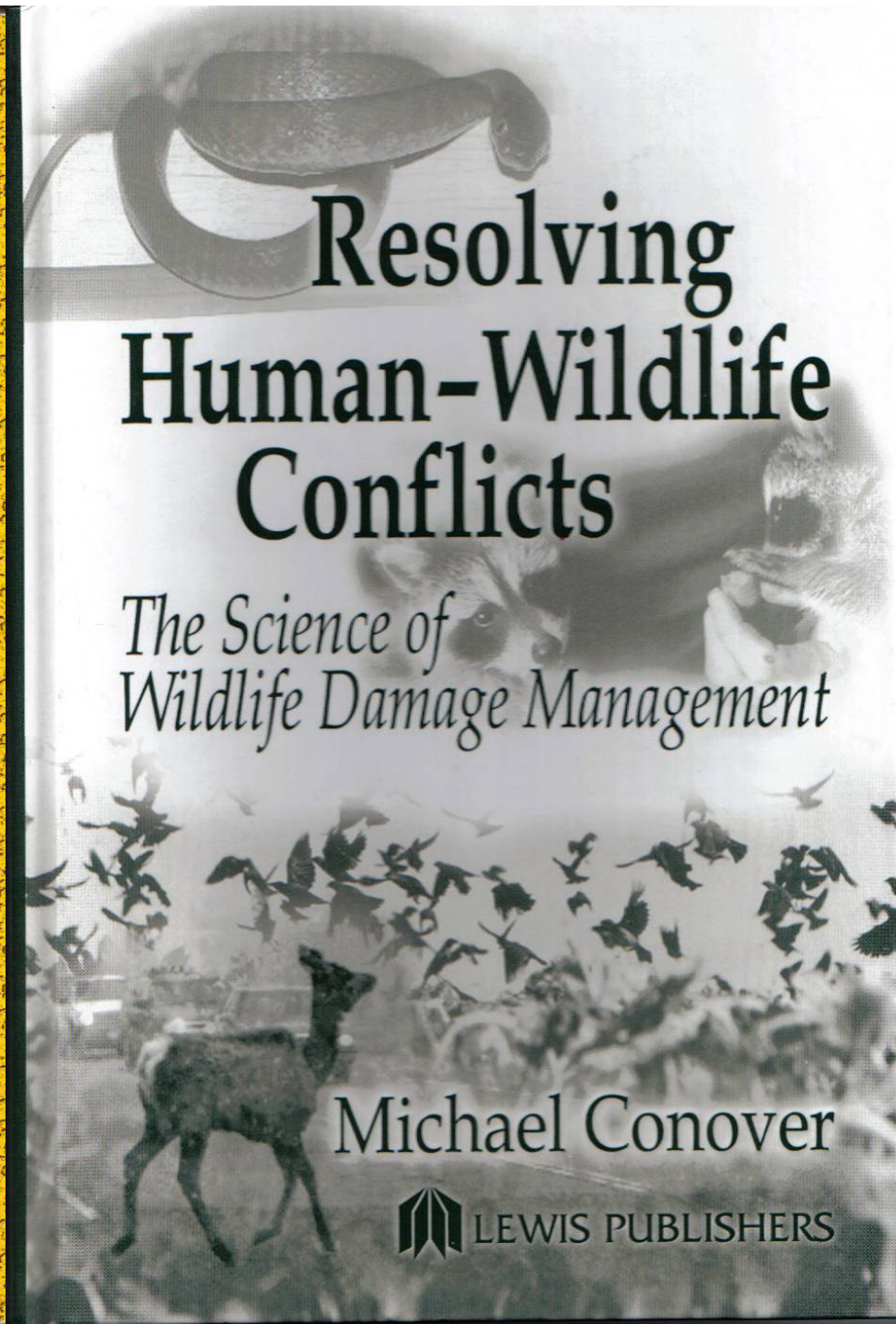
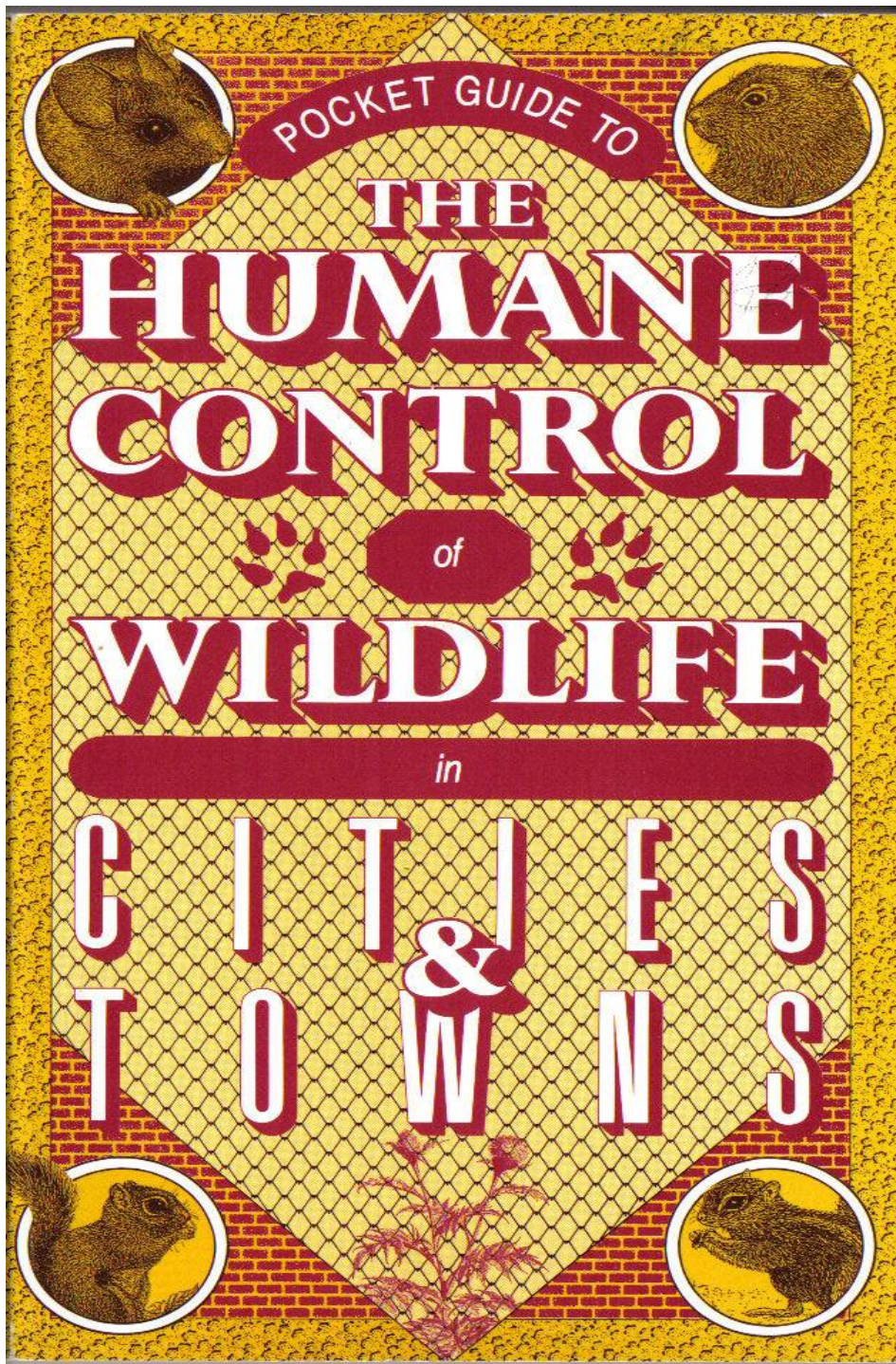


Simple actions can have adverse effects

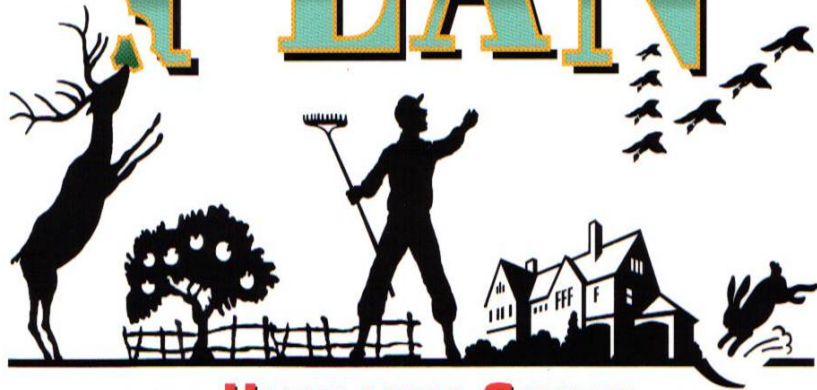
Effective WDM

Integrated Pest Management

- Behavior-Change what the species is doing that is causing damage.
- Modify-Change the area that is experiencing damage.
- Lethal control-Permanently removing the individual or population that is causing damage



BACKYARD BATTLE PLAN



THE ULTIMATE GUIDE TO
CONTROLLING WILDLIFE DAMAGE
IN YOUR GARDEN

COOPER RUTLEDGE

The Facts about Bats:

Exploring
Conflicts and
Designing
Solutions



CORNELL Cooperative Extension



"I'm cute,
I bite,



☞ ...and I may
☞ have rabies!"



District Health Department
Vector-Borne Diseases Program



Raccoon Roundworm

(*Baylisascaris procyonis*)



**WHAT YOU SHOULD
KNOW ABOUT IT**

Com

Why'd I eat
that sixth
Twinkie

es

Exclusion

Habitat Manipulation

Frightening

Trapping

Shooting



Skunks

Exclusion

Habitat Manipulation

Trapping

Euthanasia



Skunk Euthanasia



European Starling

Control measures

Exclusion

Frightening

Toxicants

Trapping

Shooting



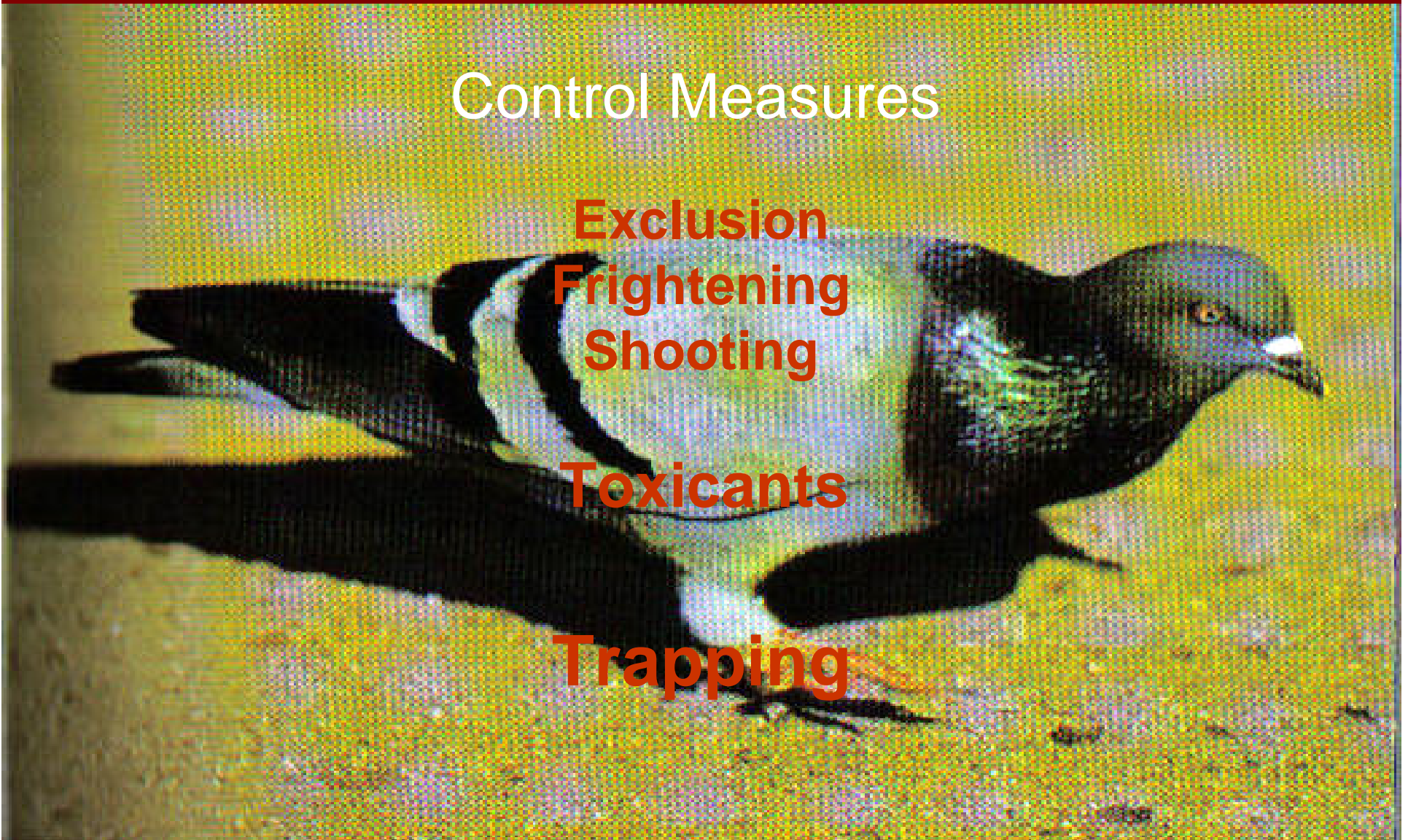
Pigeons

Control Measures

Exclusion
Frightening
Shooting

Toxicants

Trapping



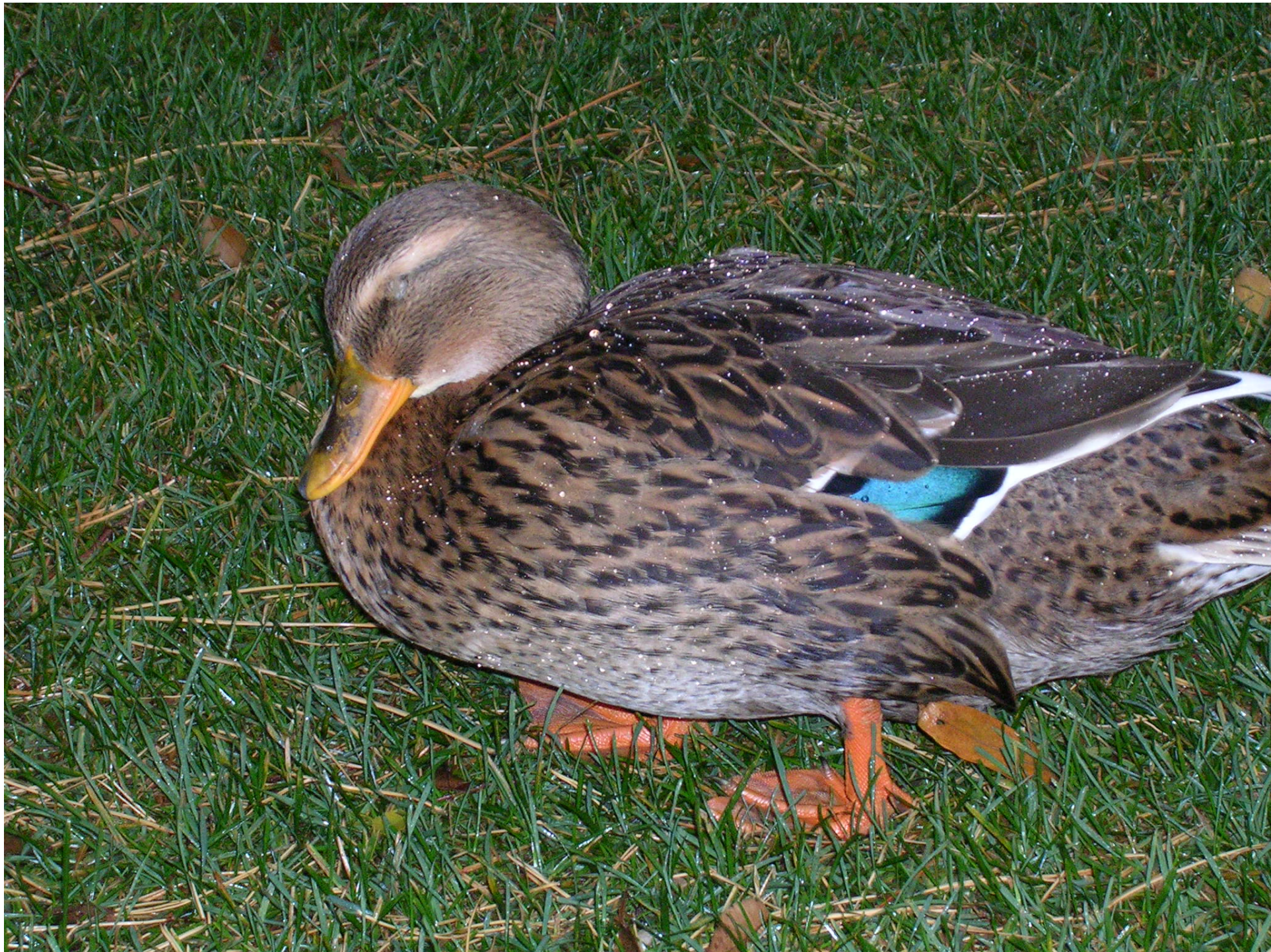
Waterfowl

- Habitat Modification
- Exclusion
- Cultural Methods
- Frightening
- Live Capture
- Shooting
- Egg destruction

Alpha-chloralose (AC)

- AC is an avian tranquilizer.
- It is registered to WS by the Food & Drug Administration (FDA) as an; Investigational New Animal Drug (INAD-6602).
- The label allows use for waterfowl, coots and pigeons
- Only WS can use this drug.
- Delivered through whole corn or bread bait for waterfowl, whole corn for coots.











Live Capture









Psss mom, I
have a question